

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

March 31, 2008

All Contents in Acre-Feet

RESERVOIR	CAPACITY*	CONTENTS				% CAPACITY 3/31/2008	%AVERAGE 3/31/2008	Reading Date	COMMENTS
		AVERAGE 1960 - 2007	Last Year 3/31/2007	Last Month 2/28/2008	PRESENT 3/31/2008				
	Full Pool								
	Contents								
ACKLEY	6,140	3,223	2,457	2,172	2,185	36	68	4/2/08	from Bob A. gh = 27.12' (1860 af)
BAIR	7,300	4,387	3,055	1,583	1,655	23	38	3/26/08	from Doug Mann sd = 326.0'
CATARACT	1,478	435	500	310	310	21	71	3/31/08	est. no change, last mesured 3/4/2008
COONEY	28,230	20,986	18,784	17,170	18,338	65	87	3/28/08	from Dave Adair sd =151'
COTTONWOOD	1,900	842	849	239	269	14	32	4/2/08	from Porter Dassenko sd = 69.1'
DEADMAN'S BASIN	75,968	48,629	44,176	26,061	28,702	38	59	3/26/08	from Doug Mann sd = 481.0' (24,952 af)
E.F. ROCK CREEK	16,040	9,024	6,990	10,160	10,678	67	118	3/31/08	from data logger
FRENCHMAN	3,752	3,633	3,752	650	650	17	18	3/31/08	from 2007 topo survey gd = 14.82'
MARTINSDALE	23,348	9,006	3,501	0	699	3	8	3/26/08	from Doug Mann sd = 605.0'
MIDDLE CREEK	10,184	6,297	7,232	6,441	6,191	61	98	3/25/08	by Roy Kaiser NRCS walk way -- 28.0'
NEVADA CREEK	11,207	7,722	9,880	4,710	5,076	45	66	3/31/08	from Jim Beck sd = 151.5'
NILAN	10,992	6,567	7,599	6,055	6,269	57	95	3/31/08	from Jim Beck gd = 19.98' (5369 af)
N.FK. SMITH RIVER	11,406	6,995	7,069	5,083	5,264	46	75	3/26/08	from Doug Mann sd = 211'
RUBY RIVER	36,633	30,957	30,500	26,023	31,741	87	103	4/1/08	from Scott Compton sd = 95'
TONGUE RIVER	79,071	44,339	62,149	51,244	51,808	66	117	3/31/08	from data logger
W.F. BITTERROOT	32,362	8,230	17,065	8,810	9,346	29	114	3/29/08	from Al Pernichele res elev = 4674.88'
WILLOW CREEK	18,000	16,578	17,000	11,957	12,761	71	77	4/1/08	from Scott Compton sd = 112' (boat ramp)
YELLOWATER	3,842	1,009	127	600	540	14	54	4/5/08	from Brendon Murphy tower = 19.5'

* Note: Reservoir contents include dead storage at the following:

Ackley	325 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	Willow Creek 269 AF (O&M storage table includes dead storage)

* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

* Note: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F.

* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.